CLAIMS

1. (amended) A process of manufacturing a formulation of topical Beta blockers with improved efficacy comprising the following steps:

i) a. making aqueous solution of Beta-blocker with or without physiologically acceptable excipients, buffers and preservatives;

b. making a gel of known gel forming substance with or without physiologically acceptable excipients buffers and preservatives in a separate vessel;

ii) adding aqueous solution of Beta-blockers at step i (a) into a prepared gel of step i (b) while stirring slowly; and

iii) adjusting the pH and volume before finally autoclaving and packaging.

2. (amended) The process of claim 1 wherein the Beta-blockers are selected from the group of topical Beta-blockers used to reduce intraocular pressure consisting of Timolol, Betaxolol, Carteolol, and Metipranolol.

3. (amended) The process of claim 1 wherein the gel forming agent is a carbomer.

4. (amended) The process of claim 3 wherein the concentration of carbomer is from 0.5% to 5%.

5. (amended) The process of claim 1 in which physiologically acceptable buffers, excipients and preservatives are used.

6. (amended) The process of claim 1 wherein the pH of the formulation is finally adjusted to between 6.0 to 8.0.

7. (amended) The process of claim 1 wherein the formulation is autoclaved before packaging.

Cancel claim 8.

Add the following claims 9-15:

9. The process of claim 6 wherein the pH of the formulation is finally adjusted to between 6.5 and 7.5.

10. A formulation of topical Beta blockers with improved efficacy comprising a gel of Beta-blocker and a gel-forming substance.

11. The formulation of claim 10 wherein the Beta-blockers are selected from the group of topical Beta-blockers used to reduce intraocular pressure consisting of Timolol, Levobunolol, Betaxolol, Carteolol, and Metipranolol.

12. The formulation of claim 11 wherein the gel forming agent is a carbomer.

13. The formulation of claim 11 wherein the concentration of carbomer is from 0.5% to 5%.

14. The formulation of claim 11 further comprising at least one additional substance comprising a physiologically acceptable buffer, excipient or preservative.

15. The formulation of claim 11 having a pH of 6.0 to 8.0